

N587 *Structure for Water Control*

Purpose

Practice may be applied as a management component of a water management system to control the stage, discharge, distribution, delivery or direction of water flow. Decrease nutrient and chemical loading to downstream surface waters through proper retention of water on agricultural lands.

Applicability

Applies wherever a permanent structure is needed as an integral part of a water control system to serve one or more of the following functions:

1. Convey water from one elevation to a lower elevation within, to, or from a water conveyance system such as a ditch, channel, canal or pipeline designed to operate under open channel conditions (typical structures: drops, chutes, turnouts, surface water inlets, head gates, pump boxes, and stilling basins).
2. Control the elevation of water in drainage or irrigation ditches (typical structures: checks, flashboard risers, and check dams).
3. Control the division or measurement of irrigation water (typical structures: division boxes and water measurement devices).

Erosion Requirements

Practice has no erosion requirements.

Specifications

The completed practice must meet the NRCS Standards and Specifications for Structure for Water Control (587) contained in the Field Office Technical Guide.

Policies

1. *Cost-share is authorized for:*
 - a. Pipe materials, weir boxes added to existing grade stabilization structures, and permanent pads.
2. *Cost-share is not authorized for:*
 - a. Head cut control.
 - b. Grade stabilization.

Maximum State Cost-Share

Assistance is limited to 75% of the county average cost, not to exceed the state average cost.

Map Requirements

A map that displays the completed practice must be scanned and attached as a document type "Map" in MoSWIMS prior to contract payment submission.

Technical Responsibilities

Technical staff has the responsibility for determining the need for the practice, for design of the practice based upon the minimum extent necessary, and to certify that the completed practice meets NRCS standards and specifications within commission policy.

Acres Served

Acreage drained.

Extent Installed

Acres.

Maintenance Life

10 years.